IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-44 (Cancelled).

- 45. (Previously Presented) A thermoplastic material comprising:
- (a) 5% by weight to 95% by weight of a vulcanized rubber in a subdivided form;
- (b) 5% by weight to 95% by weight of at least one heterophase copolymer comprising a thermoplastic phase made from a propylene homopolymer or copolymer and an elastomeric phase made from a copolymer of ethylene with an α -olefin; and
- (c) 0% by weight to 90% by weight of at least one α -olefin homopolymer or copolymer different from (b);

the amounts of (a), (b) and (c) being expressed with respect to the total weight of (a) + (b) + (c).

- 46. (Previously Presented) The thermoplastic material according to claim 45, wherein the vulcanized rubber in a subdivided form (a) is present in an amount of 10% by weight to 60% by weight with respect to the total weight of (a) + (b) + (c).
- 47. (Previously Presented) The thermoplastic material according to claim 45, wherein the heterophase copolymer (b) is present in an amount of 40% by weight to 90% by weight with respect to the total weight of (a) + (b) + (c).

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- 48. (Previously Presented) The thermoplastic material according to claim 45, wherein the α -olefin homopolymer or copolymer (c), is present in an amount of 0% by weight to 50% by weight with respect to the total weight of (a) + (b) + (c).
- 49. (Previously Presented) The thermoplastic material according to claim 45, wherein, the vulcanized rubber in a subdivided form (a) has a particle size not higher than 10 mm.
- 50. (Previously Presented) The thermoplastic material according to claim 49, wherein, the vulcanized rubber in a subdivided form (a) has a particle size not higher than 5 mm.
- 51. (Previously Presented) The thermoplastic material according to claim 45, wherein the vulcanized rubber in a subdivided form (a) has a particle size not higher than 0.6 mm.
- 52. (Previously Presented) The thermoplastic material according to claim 51, wherein the vulcanized rubber in a subdivided form (a) has a particle size not higher than 0.5 mm.
- 53. (Previously Presented) The thermoplastic material according to claim 52, wherein the vulcanized rubber in a subdivided form (a) has a particle size not higher than 0.2 mm.
- 54. (Previously Presented) The thermoplastic material according to claim 45, wherein the vulcanized rubber in a subdivided form (a) comprises at least one diene elastomeric polymer or copolymer of natural origin or obtained by solution polymerization, emulsion polymerization or gas-phase polymerization of one or more conjugated diolefins, optionally blended with at least one component selected from

monovinylarenes and/or polar comonomers in an amount of not more than 60% by weight.

- 55. (Previously Presented) The thermoplastic material according to claim 54, wherein the diene elastomeric polymer or copolymer is selected from: cis-1,4-polyisoprene, 3,4-polyisoprene, polybutadiene, optionally halogenated isoprene/isobutene copolymers, 1,3-butadiene/acrylonitrile copolymers, styrene/1,3-butadiene copolymers, styrene/1,3-butadiene copolymers, styrene/1,3-butadiene/acrylonitrile copolymers, or mixtures thereof.
- 56. (Previously Presented) The thermoplastic material according to claim 45, wherein the vulcanized rubber in a subdivided form (a) comprises at least one elastomeric polymer of one or more monoolefins with an olefinic comonomer or derivatives thereof.
- 57. (Previously Presented) The thermoplastic material according to claim 56, wherein the elastomeric polymer is selected from: ethylene/propylene copolymers (EPR) or ethylene/propylene/diene copolymers (EPDM); polyisobutene; butyl rubbers; halobutyl rubbers, chlorobutyl or bromobutyl rubbers; or mixtures thereof.
- 58. (Previously Presented) The thermoplastic material according to claim 45, wherein the thermoplastic phase of the heterophase copolymer (b) comprises a propylene homopolymer or a copolymer of propylene with an olefinic comonomer selected from ethylene and α -olefins other than propylene.
- 59. (Previously Presented) The thermoplastic material according to claim 58, wherein the olefinic comonomer is ethylene.

- 60. (Previously Presented) The thermoplastic material according to claim 58, wherein the olefinic comonomer is less than 10 mol% relative to the total number of monomer moles in the thermoplastic phase.
- 61. (Previously Presented) The thermoplastic material according to claim 45, wherein the elastomeric phase of the heterophase copolymer (b) is at least 10% by weight relative to the total weight of the heterophase copolymer.
- 62. (Previously Presented) The thermoplastic material according to claim 61, wherein the elastomeric phase of the heterophase copolymer (b) is at least 40% by weight relative to the total weight of the heterophase copolymer.
- 63. (Previously Presented) The thermoplastic material according to claim 62, wherein the elastomeric phase of the heterophase copolymer (b) is at least 60% by weight relative to the total weight of the heterophase copolymer.
- 64. (Previously Presented) The thermoplastic material according to claim 45, wherein the elastomeric phase of the heterophase copolymer (b) comprises an elastomeric copolymer of ethylene with an α -olefin and optionally with a polyene.
- 65. (Previously Presented) The thermoplastic material according to claim 64, wherein the α -olefin is propylene.
- 66. (Previously Presented) The thermoplastic material according to claim 64, wherein the polyene is a diene selected from: linear (non-)conjugated diolefins; and monocyclic or polycyclic dienes.
- 67. (Previously Presented) The thermoplastic material according to claim 61, wherein the elastomeric phase has the following composition: 15 mol% to 85 mol% of ethylene; 85 mol% to 15 mol% of an α -olefin; and 0 mol% to 5 mol% of a diene.

- 68. (Previously Presented) The thermoplastic material according to claim 61, wherein the elastomeric phase comprises an elastomeric copolymer of ethylene and propylene having the following composition: 15% by weight to 80% by weight of ethylene; and 20% by weight to 85% by weight of propylene, with respect to the total weight of the elastomeric phase.
- 69. (Previously Presented) The thermoplastic material according to claim 68, wherein the elastomeric phase comprises an elastomeric copolymer of ethylene and propylene having the following composition: 20% by weight to 40% by weight of ethylene; and 60% by weight to 80% by weight of propylene, with respect to the total weight of the elastomeric phase.
- 70. (Previously Presented) Thermoplastic material according to claim 45, wherein in the α -olefin homopolymer or copolymer of (c), the α -olefin is an aliphatic α -olefin of formula CH₂=CH-R, wherein R represents a hydrogen atom, a linear or branched alkyl group containing from 1 to 12 carbon atoms; or an aromatic α -olefin of formula CH₂=CH-R', wherein R' represents an aryl group having from 6 to 14 carbon atoms.
- 71. (Previously Presented) Thermoplastic material according to claim 70, wherein the aliphatic α-olefin is selected from: ethylene, propylene, 1-butene, isobutylene, 1-pentene, 1-hexene, 3-methyl-1-butene, 3-methyl-1-pentene, 4-methyl-1-pentene, 4-dimethyl-1-hexene, 4,4-dimethyl-1-pentene, 4-ethyl-1-hexene, 3-ethyl-1-hexene, 1-octene, 1-decene, 1-dodecene, 1-tetradecene, 1-hexadecene, 1-octadecene, and 1-eicosene, or mixtures thereof.

- 72. (Previously Presented) The thermoplastic material according to claim 70, wherein the aromatic α -olefin is selected from: styrene, and α -methylstyrene, or mixtures thereof.
- 73. (Previously Presented) The thermoplastic material according to claim 45, wherein in the α -olefin homopolymer or copolymer (c), the polyene is a conjugated or non-conjugated diene, triene or tetraene.
- 74. (Previously Presented) The thermoplastic material according to claim 45, wherein the α-olefin homopolymer or copolymer (c) is selected from:

propylene homopolymers or copolymer of propylene with ethylene and/or an α -olefin having 4 to 12 carbon atoms with an overall content of ethylene and/or α -olefin lower than 10% by mole;

ethylene homopolymers or copolymers of ethylene with at least one α -olefin having 4 to 12 carbon atoms;

styrene polymers such as styrene homopolymers;

styrene homopolymers modified with a natural or synthetic elastomer, polybutadiene, polyisoprene, butyl rubber, ethylene/propylene/diene copolymer (EPDM), ethylene/propylene copolymers (EPR), natural rubber, epichloridrin; styrene copolymers, styrene-methylstyrene copolymer, styrene-isoprene copolymers, or styrene-butadiene copolymer; and

copolymers of ethylene with at least one ethylenically unsaturated ester selected from: alkyl acrylates, alkyl methacrylates and vinyl carboxylate, wherein the alkyl group, linear or branched, has 1 to 8 carbon atoms, while the carboxylate group, linear or branched, has 2 to 8 carbon atoms; and wherein the ethylenically unsaturated

ester is generally present in an amount of 0.1% to 80% by weight with respect to the total weight of the copolymer.

- 75. (Previously Presented) The thermoplastic material according to claim 74, wherein the ethylene, homopolymers or copolymers of ethylene with at least one α -olefin having 4 to 12 carbon atoms are selected from: low density polyethylene (LDPE), medium density polyethylene (MDPE), high density polyethylene (HDPE), linear low density polyethylene (LLDPE), and ultra-low density polyethylene (ULDPE), or mixtures thereof.
- 76. (Previously Presented) The thermoplastic material according to claim 74, wherein the styrene polymers are: syndiotactic polystyrene, atactic polystyrene, isotactic polystyrene, polybutadiene-modified styrene polymer, styrene-butadiene copolymer, and styrene-isoprene, or mixtures thereof.
- 77. (Previously Presented) The thermoplastic material according to claim 74, wherein the copolymers of ethylene with at least one α -olefin having 4 to 12 carbon atoms are selected from:

elastomeric copolymers having the following monomer composition: 35 mol%-90 mol% of ethylene; 10 mol%-65 mol% of an aliphatic α -olefin; and 0 mol%-10 mol% of a polyene; and

copolymers having the following monomer composition: 75 mol%-97 mol% of ethylene; 3 mol%-25 mol% of an aliphatic α -olefin; and 0 mol%-5 mol% of a polyene.

78. (Previously Presented) The thermoplastic material according to claim 74, wherein the copolymers of ethylene with at least one ethylenically unsaturated ester are

selected from: ethylene/vinylacetate copolymer (EVA), ethylene/ethylacrylate copolymer (EEA), and ethylene/butylacrylate copolymer (EBA), or mixtures thereof.

- 79. (Previously Presented) The thermoplastic material according to claim 45, wherein the homopolymer or copolymer (c) is present in an amount not lower than 5% by weight with respect to the total weight of (a) + (b) + (c).
- 80. (Previously Presented) The thermoplastic material according to claim 79, wherein the homopolymer or copolymer (c) is present in an amount not lower than 10% by weight with respect to the total weight of (a) + (b) + (c).
- 81. (Previously Presented) The thermoplastic material according to claim 45, further comprising at least one coupling agent (d)
- 82. (Previously Presented) The thermoplastic material according to claim 81, wherein the coupling agent (d) is selected from: silane compounds containing at least one ethylenic unsaturation and at least one hydrolyzable group; epoxides containing at least one ethylenic unsaturation; monocarboxylic acids, dicarboxylic acids having at least one ethylenic unsaturation, organic titanates, zirconates or aluminates; or derivatives thereof.
- 83. (Previously Presented) The thermoplastic material according to claim 81, wherein the coupling agent (d) is added in an amount of 0.01% by weight to 10% by weight with respect to 100 parts by weight of (a) + (b) + (c).
- 84. (Previously Presented) The thermoplastic material according to claim 81, further comprising a radical initiator (e).

- 85. (Previously Presented) The thermoplastic material according to claim 84, wherein the radical initiator is an organic peroxide selected from: t-butyl perbenzoate, dicumyl peroxide, benzoyl peroxide, di-t-butyl peroxide, or mixtures thereof.
- 86. (Previously Presented) The thermoplastic material according to claim 84, wherein the radical initiator (e) is present in an amount of 0.01% by weight to 1% by weight, with respect to 100 parts by weight of (a) + (b) + (c).
- 87. (Previously Presented) A manufactured product comprising a thermoplastic material according to claim 45.
- 88. (Currently Amended) The manufactured product according to claim 87, wherein said manufactured product is selected from: industrial, sport or safety surfaces; flooring for recreational areas; flooring tiles; sound barriers; shoe soles; automotive floor mats; automotive bumpers; automotive locary wheel arch liner; pipe or hose materials; roofing materials; and geomembranes.